

## pLVX-PTuner2-C

Catalog No(s). 631098 (Not sold separately). Sold as part of 631094.

**Amount** 

20 µl pLVX-PTuner2-C Vector (500 ng/µl)

**Lot Number** 

Specified on product label.

## pLVX-PTuner2-C Vector Information

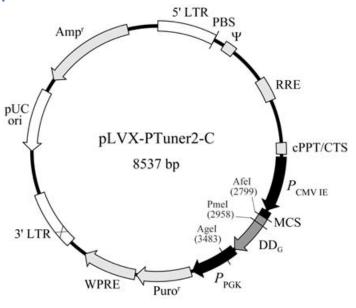


Figure 1. pLVX-PTuner2-C vector map.

AfeI XhoI **BstBI** AGC GCT ACC GGA CTC AGA TCT CGA GCT CAA GCT TCG AAT TCT GCA 2796

SmaI XmaI \_ BamHI Start of DD<sub>G</sub> ApaI GTC GAC GGT ACC GCG GGC CCG GGA TCC ATC AGT CTG ATT 2841

Figure 2. pLVX-PTuner2-C multiple cloning site.

Clontech Laboratories, Inc.

A Takara Bio Company

1290 Terra Bella Avenue, Mountain View, CA 94043, USA

Asia Pacific

U.S. Technical Support: tech@clontech.com

United States/Canada 800.662.2566 +1.650.919.7300 Late update: July 12, 2011

Europe Japan +33.(0)1.3904.6880 +81.(0)77.543.6116

## **Location of Features**

- 5' LTR (5' long terminal repeat): 1–635
- PBS (primer binding site): 636–653
- Ψ (packaging signal): 685–822
- RRE (Rev-response element): 1303–1536
- cPPT/CTS (central polypurine tract/central termination sequence): 2028–2151
- $P_{\text{CMV} \text{ IE}}$  (human cytomegalovirus promoter): 2185–2787
- MCS (multiple cloning site): 2796–2867
- DD<sub>G</sub> (destabilization domain): 2868–3341
- $P_{PGK}$  (phosphoglycerate kinase promoter): 3363–3871
- Puro<sup>r</sup> (puromycin resistance gene): 3892–4491
- WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 4505–5096
- 3' LTR (3' long terminal repeat): 5299–5935
- pUC origin of replication: 6405–7078 (complementary)
- Amp<sup>r</sup> (ampicillin resistance gene; β-lactamase): 7223–8219 (complementary)

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